

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

**Petros A. IOANNOU, Elias B. KOSMATOPOULOS and
Alvin M. DESPAIN**

Serial No: Not yet assigned

Filed: November 12, 1999

For: **USE OF ABSOLUTE VALUE SIGNALS FOR
SERVO CONTROL AND SIGNAL ESTIMATION**

Box PATENT APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith for filing is the patent application identified above.

☒ 19 sheet(s) of drawings (☐ formal ☒ informal) is(are) enclosed.☒ 65 pages of specification and 1 page of abstract of the invention are enclosed.☐ An assignment of the invention to ☐ is enclosed ☒ will follow.☐ An associate power of attorney ☐ is enclosed ☐ will follow.☐ A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 & 1.27 is enclosed.☐ Declaration and Power of Attorney ☐ is enclosed ☒ will follow.☐ A certified copy of Patent Application No. filed from which priority is claimed under 35 U.S.C. § 119 is enclosed.☐ IDS enclosed (☐ with references).☐ Preliminary Amendment is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	24	-20	4	LG=\$18 SM=\$9	\$72
B	INDEPENDENT CLAIMS FEE*	5	-3	2	LG=\$78 SM=\$39	\$158
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					\$ 228
D	MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$130	\$
E	BASIC FEE				LARGE ENTITY FEE = \$780 SMALL ENTITY FEE = \$380	\$ 760
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 988
G	ASSIGNMENT RECORDING FEE					\$ 40
	*LIST INDEPENDENT CLAIMS 1, 5, 9, 13 and 18					

☐ A check in the amount of \$ 988 to cover the filing fee is enclosed.☐ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.

☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1820. **A copy of this sheet is enclosed.**

- ☐ Any additional filing fees required under 37 C.F.R. § 1.16
☐ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,
LOEB & LOEB LLP

By: 

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Date: 12 November, 1999

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Art Unit: Not yet assigned

Examiner: Not yet assigned

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Date of Deposit: November 12, 1999

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Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☐ check in amount of \$___ as filing fee
- ☒ patent application (65 pages of specification; 24 claims; 1 page of abstract
- ☒ 19 sheets of informal drawings
- ☐ executed Declaration and Power of Attorney
- ☐ assignment of the invention to _____
- ☐ Information Disclosure Statement with ___ references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Date: 12 November, 1999

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WILLIAM H. WRIGHT

Name of person mailing papers


Signature